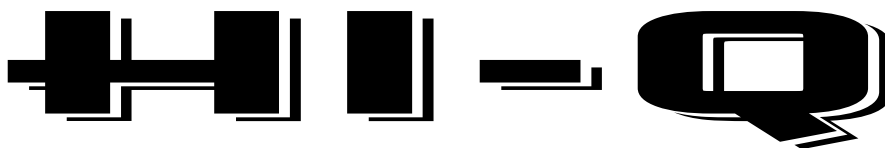




Journal of the Lakehead Amateur Radio Club

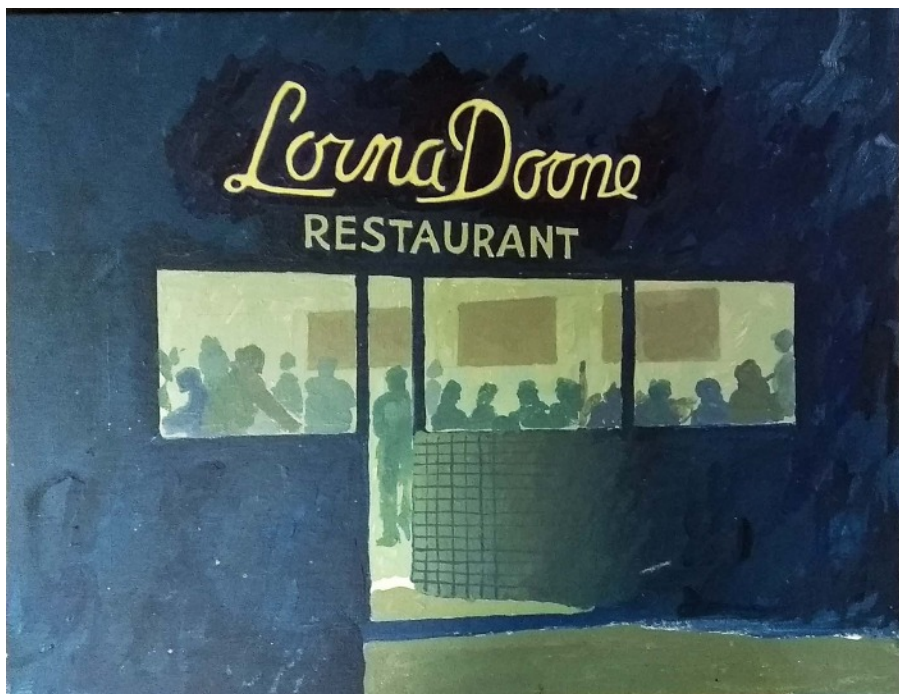


Thunder Bay, Ontario

Volume 86

month 2020

Issue 5



Hello members of the Lakehead Amateur Radio Club

As we are still in the midst of the Covid 19, and our meeting location is still closed down, we will not be meeting on the second Thursday of May 14th.

Please feel free to contact anyone on the executive if you have any questions that are club related. Thank you for your patience in this matter until we can get together again.

73's and please stay safe.

Randy Gottfred VA3OJ

President L A R C

painting by local artist Dick Spooner

The **Lakehead Radio Club** held its first dinner meeting at the GB Tea Room (later the Lorna Doon Restaurant) on Victoria Avenue, November 1st, 1939. Previous dinner meetings of the Canadian Lakehead Wireless Experimenters from 1934 to 1938 were at the YMCA building. In this painting by Dick Spooner you will notice a raised step in the doorway. You can still see "GB" written in ceramic tile on the step. As we didn't get to have our annual Dinner Meeting this year, we thought you might enjoy some history.

Daily 80 meter Net Standing Down

Please be advised that the daily SITUATION HEALTH & WELFARE NET on 80M 3.675MHz at 1500Z is standing down.

Thanks to all who checked in. Your participation is greatly appreciated.

Also just a reminder to please check into our weekly NORTHWESTERN ONTARIO ARES HF NET at 2100Z that's 5:00pm local on 80 meters at 3.675 MHz on Wednesdays.

Thanks

Brad VE3MXJ CEC

and ARES EC for the City of Thunder Bay



QSL honouring nurses

submitted by Mike Wolowich VE3HZW

LARC SENATE

Robert Hansen VE3RVA
Dave Kimpton VE3AVS
Laurie Bridgett VE3BCD
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

President: Randy Gottfred VA3OJ

VP: Bob Hansen VE3RVA

Treasurer: Karl Hamilton VE3RRP

Secretary: Karl Hamilton VE3RRP

Board Member: Ed Baumann VE3SNW

Board Member: Mark Vaillant VA3MVR

Board Member: Mike Skillen VE3EDX

Board Member: John Plumridge
VE3FMT

LARC Emergency Coordinator

Brad Harris VE3MXJ

ARES Amethyst District

Emergency Coordinator

Warren Paulson, VE3FYN

CANWARN

VA3JMS John 767-3631

VE3RRP Karl

Public Service Events

VA3TBA Chris Chadwick

Accredited Examiners

VE3FAL Fred Lesnick 577-0789

flesnick@tbaytel.net

VE3VAI Lori Bedford (807) 630-7688
ve3vai@tbaytel.net

2020

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. . Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hqnewsletter@gmail.com

Amethyst District ARES

Providing emergency communications for Northwestern Ontario

Emergency Coordinators

Atikokan: Warren Paulson, VE3FYN (ARES DEC, Amethyst District)

Sioux Narrows: Woody Linton, VE3JJA

Fort Frances: Rod Davis, VE3RYD (ARES EC, Fort Frances & area)

Kenora: Chris Bigelow, VA3ECO (ARES EC, Kenora & area)

Dryden: Bob Ernewein, VE3YDN

Thunder Bay: Brad Harris, VE3MXJ (ARES EC, Thunder Bay & area)

Nets and Exercises

We conduct an open weekly HF net on 80 and 40 metres. The purpose of this net is to monitor regional propagation conditions, share information, and practice net procedures.

Time: Wednesdays at 21:00 UTC (1700 EDT, 3:30 pm CST)

Frequency: Primary 3.675 MHz LSB, Secondary 7.135 MHz LSB

<http://www.ve3rib.ca/nwoares>

LARC OPEN ACCESS REPEATERS

VE3YQT (Mount Baldy) 147.060 (-600)

VE3TBR (St. Joseph's) 146.820 pl 107.2

VE3BGA (Loch Lomond) 147.390, PL Tone 107

442.075 (+5 MHz) pl 100

144.390 APRS

New 144 MHz Transatlantic Record Reported

The claimed transatlantic record on 2 meters has been extended to nearly 4,760 kilometers (2,951 miles). "The incredible tropo conditions between Cape Verde Islands and the Caribbean continue to amaze with transatlantic contacts on 144 MHz and 432 MHz being made," John Desmond, EI7GL, said in a blog post.

The April 8 FT8 contact was between D4VHF in the Cape Verde Islands and PJ2BR on Curacao. The distance covered was 300 kilometers greater than the previous transatlantic record, set last summer by D41CV and NP4BM.

On April 7, an operator at D4VHF and Burt Demarcq, FG8OJ, on Guadeloupe completed the first direct transatlantic contact on 70 centimeters, spanning 3,867 kilometers (2,398 miles) using FT8.

via RAC

Friedrichshafen Radio silence due to coronavirus COVID-19

Due to current developments in regard to the spread of COVID-19, the Friedrichshafen international radio exhibition will not be taking place in 2020, but instead from June 25 to 27, 2021. The German Government decided April 15 that no major events shall take place until August 31, 2020.

via RAC

Contest University held Online this year (and free of cost)

Contest University USA 2020 will be held on-line via Zoom on Thursday May 14, 2020. The CTU course outline is posted here

<https://www.contestuniversity.com/course-outline/Connection> details to the CTU Zoom bridge will be posted on the Contest University website one week ahead of CTU.

CTU 2020 will be recorded for easy viewing any time after May 14 and the slide decks will be posted on the CTU website as well.

At the end of CTU 2020 Dave, K3ZJ from CQ Magazine will present the 2020

CQ Contest

Hall of Fame awards - live on the Zoom bridge.

-- Tim K3LR, Contest University Chairman

via RAC

**Join the
Breaker - 19
Net
Thursdays at 2100 hours
on
VE3TBR
146.820 (-) tone 107.2
*stay connected***

Links of Interest

<https://www.eham.net/article/44017>

<https://www.eham.net/forum/view?id=topic%C129224.0.html>

http://www.g7fek.co.uk/blogus/newsshow.php?page=80m_Antenna_for_small_gar_49493

<https://youtu.be/RWDqg8bCSqM>

<https://www.eham.net/article/44129>



Two New Chinese Ham Satellites Expected to Launch in September

05/12/2020 via ARRL

Two new Chinese amateur radio satellites are expected to launch on September 15. CAS-7A and CAS-7C follow in the wake of numerous amateur radio satellites put into space by CAMSAT. CAS-7A, a 27 kilogram microsat, will carry several transponders, including a 15-meter-to-10-meter (H/t) linear transponder, and a 2-meter-to-70-centimeter (H/u) linear transponder. CAS-7A also will include a V/u (2 meters to 70 centimeters) FM voice transponder. According to the International Amateur Radio Union (IARU) satellite coordination site, CAS-7A is planned to have CW beacons on both 10 meters and 70 centimeters, 4.8k or 9.6k GMSK telemetry on 70 centimeters, and a 1 Mbps GMSK image data downlink on 3 centimeters for an onboard camera.

CAS-7C is a 2U CubeSat carrying a V/u linear transponder and a CW beacon. IARU has not yet coordinated frequencies for CAS-7C, which is to deploy a 1,080-meter (3,543 feet) long, 1-millimeter carbon fiber rope. The two satellites will launch from Jiuquan Satellite Launch Center into a 500-kilometer sun-synchronous orbit with an inclination of 98°.

Some specifics, according to coordination information, indicate that CAS-7A will offer 30 kHz-wide uplink and downlink passbands for all linear transponders. The H/t uplink passband will be 21.245 – 21.275 MHz, and the downlink will be 29.435 – 21.465 MHz. The CW beacon will be on 29.425 MHz.

The CAS-7A H/u linear transponder uplink passband will be 21.3125 MHz – 21.3275 MHz, and the downlink will be 435.3575 MHz – 435.3725 MHz. A CW beacon will transmit on 435.430 MHz.

The CAS-7A V/u transponder uplink passband will be 145.865 MHz – 145.895 MHz, with a downlink passband of 435.385 MHz – 435.415 MHz. A CW beacon will transmit on 435.430 MHz.

CAS-7A V/u FM transponder will uplink on 145.950 MHz and downlink on 435.455 MHz, with a 4.8k/9.6k GMSK telemetry downlink at 435.480 MHz. The 1 Mbps GMSK image data will downlink at 10.460 GHz.

Amateur Radio Gains Significant Boost in UK by Connecting People During Lockdown

05/12/2020 via ARRL

A recent BBC news feature outlines how ham radio has gotten a significant boost by connecting people during the COVID-19 lockdown in the UK. The article, by Vanessa Pearce, quotes the Radio Society of Great Britain (RSGB) — the UK's IARU member-society — as saying that many former hams are now returning to the hobby. Mark Rider, G3VHJ — a retired engineer who lives alone in North Warwickshire — said that after the lockdown restricted his occasional trips to the pub, rehearsing with musician friends, and visiting his wife in a nursing home, he decided to dust off his ham radio equipment “to seek out some other social interaction.” Rider said that ragchewing has become one of the highlights of his day. “Just speaking to somebody else in the same situation is very rewarding,” he said. The 67-year-old told BBC News that keeping in touch with others has been more important since his wife suffered a stroke.

RSGB General Manager Steve Thomas, M1ACB, said the society has experienced a three-fold increase in license examination applications since social distancing rules were put into place. The UK has about 75,000 amateur licensees.

Eleven-year-old Anne-Marie Rowland, 2E0RUX, of Cornwall, worked with the Cornish Amateur Radio Club to conduct informal twice-weekly nets to help keep people in touch. “We have some regulars, but also some new people join in,” she told the BBC. Her father, Bill, M0NXF, runs a net that has attracted older radio amateurs who are self-isolating, to help them feel connected.

The RSGB recently instituted its “Get on the Air to Care” (#GOTA2C) campaign in conjunction with the National Health Service and its GB1NHS amateur station to promote amateur radio use during the pandemic lockdown. Some stations have been adding /NHS to their call signs to support the effort, which aim to support the emotional health and wellbeing of the amateur radio community.

The RSGB introduced remote administration of entry-level Foundation-class amateur radio exams in mid-April. Pete Sipple, M0PSX, told BBC News that he's seen a “massive” surge in demand for training courses and exam session and has had to up the number of course offerings.

Arrowhead Radio Amateur Club

HAM FEST!

Sat. Sept. 26, 2020 9:00am – 1:00pm

Four Seasons Sports Complex and Events Center

90 Chestnut Avenue Carlton, Mn. 55718

Under the water tower in downtown Carlton

Admission: \$7.00 (12 & under FREE!)

Used and like new radios, supplies, equipment, and computer related items including software and hardware! Personalized Ham items also available!

Yaesu Representative John N9UPC will be on site with new radio equipment displayed and for sale.

<<< QSL card checking for ARRL awards program by Mike Cizek W0VTT >>>

Mike's email: m_gcizek@gmail.com



This is an A.R.R.L. sanctioned event.

Talk-in on W0GKP Repeater:
146.940(-) [103.5] Duluth
147.000(-) [103.5] Mahtowa
146.940(-) [114.8] 2-Harbors

Testing on site!

10:00 AM 4-H Building
Contact: Doug Nelson
AA0AW / 218-391-5874
aa0aw@arrl.net

**W
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o
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g**

Dealer / Vendor Tables:
4 foot table: \$5.00
8 foot table: \$10.00
Vendor setup starts at: 7:00am

Table Reservations:

Robert Schulz, KCONFB
115 Eden Lane
Duluth, MN 55805-1533
218-481-7458
arac_hamfest@charter.net

Hourly Drawings!